

Attorney Docket No.: 01CON251P  
Application Serial No.: 09/418,397

### REMARKS

In the *Final* Office Action, dated November 3, 2005, the Examiner has rejected claims 1-81. By the present amendment, per discussion with the Examiner, applicant has amended independent claims 22, 30, 38, 47, 56, 65, 70 and 76 to overcome a few informalities and to place the pending claims in condition for allowability consideration by the Examiner. Applicant appreciates the Examiner's courteous interview of January 11, 2006, regarding the cited references and the pending claims.

After the present amendment, claims 1-81 are pending in the application. Reconsideration and allowance of pending claims in view of the following remarks are respectfully requested.

#### **A. Rejection of Claims 1, 5, 8 and 22-81 under 35 USC § 103(a)**

The Examiner has rejected claims 1, 5, 8 and 22-81, under 35 USC § 103(a), as being unpatentable over Arnaud et al. (USPN 6,650,662) (hereinafter "Arnaud") in view of Yaguchi (USPN 5,818,929) ("Yaguchi").

As discussed with Examiner, once Arnaud pre-detects the DTMF signal, the DTMF detector 203 causes the filter 201 to block out one of the dual tones of each possible DTMF signal, and the filtered digital packets are provided to the transmit interface unit 205 through compression 204 while the DTMF detector is determining whether the pre-detected DTMF signal is a true or false DTMF signal. In Arnaud, the digital packets (although filtered) continue to be transmitted while the validation process for confirming the DTMF signal goes on, and Arnaud does not stall the transmission of the digital packets pending the confirmation that the pre-

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detected DTMF signal is in fact a valid DTMF signal. Further, because Arnaud does not stall the transmission of the digital packets, it logically follows that Arnaud does not discard stalled packets in response to the confirmation that the pre-detected DTMF signal is in fact a valid DTMF signal, and does not transmit stalled packets in response to the confirmation that the pre-detected DTMF signal is not in fact a valid DTMF signal.

Therefore, for example, with reference to claim 22 of the present application Arnaud does not perform the following elements: "stalling said transmission of said digitized samples in response to said detecting said energy indicative of said first frequency tone in said audio signal; ... discarding said digitized samples stalled by said stalling and transmitting said packet, in response to said determining that said audio signal includes said DTMF signal; and transmitting said digitized samples stalled by said stalling, in response to said determining that said audio signal does not include said DTMF signal."

Further, as discussed with the Examiner in reference to claim 22, Yaguchi's filtering process is related to DTMF detection and not storing the digital packets and stalling transmission of stored digital packets until DTMF detection can be performed after a potential DTMF signal is detected. In fact, Yaguchi makes no mention of what happens to digital packets while DTMF is being detected and, thus, does not disclose storing the digital packets and stalling transmission of stored digital packets. Claims of the present application are not directed at how the DTMF signal is detected or the process for DTMF detection, but relate to a robust process for removing or discarding packets containing the DTMF signal.

Accordingly, independent claim 22 is patentably distinguishable over Arnaud in view of Yaguchi and should be allowed. Further, other independent claims 1, 30, 38, 47, 56, 65, 70 and

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76 have limitations similar to those of claim 22, as described above, and should be allowed at least for the same reasons stated above. Claims 5, 8, 23-29, 31-37, 39-46, 48-55, 57-64, 66-69 and 71-81 are dependent claims, and should be allowed at least for the same reasons that their respective independent claim is allowable.

**B. Rejection of Claims 2-4, 6, 7, 9, 10 and 17-21 under 35 USC § 103(a)**

The Examiner has rejected claims 2-4, 6, 7, 9, 10 and 17-21, under 35 USC § 103(a), as being unpatentable over Arnaud in view of Yaguchi, and Arnaud in view of Kozdon (USPN 6,385,192) (hereinafter "Kozdon"). Applicant respectfully disagrees.

Applicant respectfully submits that claims 2-4, 6, 7, 9, 10 depend from claim 1 and should be allowed at least for the same reasons stated above in conjunction with patentability of claim 1. Further, independent claims 17 and 19 have limitations similar to those of claim 1, as described above, and thus, claims 17 and 19, and their respective dependent claims 18 and 20-21 should be allowed at least for the same reasons stated above.

**C. Rejection of Claims 11-16 under 35 USC § 103(a)**

The Examiner has rejected claims 11-16, under 35 USC § 103(a), as being unpatentable over Arnaud in view of Yaguchi, and further in view of Schulzrinne (ietf-avt-dtmf-01.txt) (hereinafter "Schulzrinne"), and Arnaud in view of Kozdon. Applicant respectfully disagrees.

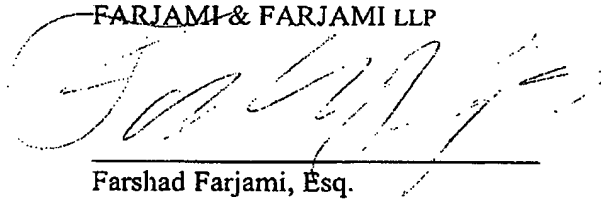
Applicant respectfully submits that claims 11-16 depend from claim 1 and should be allowed at least for the same reasons stated above in conjunction with patentability of claim 1.

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**D. Conclusion**

For all the foregoing reasons, an early allowance of claims 1-81 pending in the present application is respectfully requested. The Examiner is invited to contact the undersigned for any questions.

Respectfully Submitted;  
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